SEQUENCE LISTING

<110> Hangauer Jr., David G.
Marsilje, Thomas H.
Milkiewicz, Karen L.

<120> A NOVEL METHOD FOR DESIGNING PROTEIN KINASE INHIBITORS

<130> 19226/931

<140> 09/482,585
<141> 2000-01-13

<150> 60/115,643
<151> 1999-01-13

<160> 7

<170> PatentIn Ver. 2.1

C3

<210> 1
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: src substrate pentapeptide

<400> 1
Ile Tyr Gly Glu Phe
1 5

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<220>
<221> PEPTIDE
<222> (2)
<223> Xaa in position 2 is modified Tyr.

<220>
<223> Description of Artificial Sequence: src pentapeptide scaffold

<400> 2
Ile Xaa Gly Glu Phe
1 5

<210> 3
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<220>
<221> PEPTIDE
<222> (4)
<223> Xaa in position 4 is modified Ala.

<220>
<223> Description of Artificial Sequence: PKA pentapeptide scaffold

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Arg Arg Gly Xaa Ile
1 5

<210> 4
<211> 5
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<213> Artificial Sequence

<220>
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<223> Xaa in position 4 is Ala or modified Ala.

<220>
<223> Description of Artificial Sequence: Boronic acid-containing PKA inhibitor

<400> 4
Arg Arg Gly Xaa Ile
1 5

<210> 5
<211> 7
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Kemptamide

<400> 5
Leu Arg Arg Ala Ser Leu Gly
1 5

<210> 6
<211> 7
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<220>
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<222> (5)
<223> Xaa in position 5 is ALA; PHOSPHORYLATION

<220>
<223> Description of Artificial Sequence: Phosphorylated Kemptamide

<400> 6
Leu Arg Arg Ala Xaa Leu Gly
1 5

<210> 7
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Peptide substrate for Src

<400> 7
Gly Ile Tyr Trp His His Tyr
1 5